

Transformation via electroporation

- Thaw 50 μl **electrocompetent *E. coli*** cells on ice, dilute with icecold 50 μl glycerine (10%) if necessary
- Add 0.5-5 μl plasmid to 50 μl electrocompetent cells
- Store cells on ice for 1 minute
- Electroporate at $U = 2.5 \text{ kV}$, $C = 25 \text{ }\mu\text{F}$, $R = 400 \text{ }\Omega$
- Transfer transformation reaction to 450 μl **SOC-Medium** and incubate 1 h at 37 °C
- Centrifuge 3 minutes at 1200 rpm and plate on selective **LB-Medium**
- Incubate over night at 37 °C

